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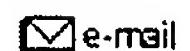
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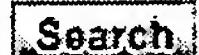
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Visioli, A.; Legnani, G.;
Industrial Electronics, IEEE Transactions on
Volume 49, Issue 1, Feb. 2002 Page(s):224 - 232
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2. **A comparison of neural networks and fuzzy relational systems in dynamic control:**
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21-24 Mar 1994 Page(s):1448 - 1452 vol.2
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3. **Artificial neural network model-based run-to-run process controller**
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4. **Performance of a neuro-model-based robot controller: adaptability and noise robustness:**
Poo, A.N.; Ang, M.H., Jr.; Teo, C.L.; Qing Li;
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July 2001 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,

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Publisher: ACM Press

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We advocate the need for automated support to System Requirement Analysis in the development of time- and safety-critical computer-based systems. To this end we pursue an approach based on deductive analysis: high-level, real-world entities and notions, such as events, states, finite variability, cause-effect relations, are modeled through the temporal logic TRIO, and the resulting deductive system is implemented by means of the theorem prover PVS. Throughout the paper, the constructs and f ...

Keywords: finite variability, hybrid systems, state-transition systems, temporal logic, theorem proving

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